

Specification Amendments

Replace the paragraph on page 15, lines 20-26 with the following:

-- Fig. 1 is a schematic and block diagram of a first exemplary embodiment of an exhaust gas purification system according to the invention; and

Q1 Fig. 2 is a schematic and block diagram of a second exemplary embodiment of an exhaust gas purification system according to the invention; and

Fig. 3 is an enlarged sectional view of a further preferred exemplary embodiment of the apparatus according to the invention taken through the heat exchanger.

Add the following paragraph at page 20, before line 1:

--As is indicated in Fig. 3, a countercurrent heat exchanger is constructed as a double-walled tube having two walls 31 and

Q2 32. Exhaust gas 33 flows through its interior, and a coolant 34 flows counter to the direction of flow of the exhaust gas in the casing, which is formed by the double-wall structure. In accordance with another embodiment of the invention, the

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coolant is preferably water or air which flows as a forced
Q2. flow through the heat exchanger.--
